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PATENT APPLICATION  
Mo-6470  
LeA 34,772

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**RECEIVED**

DEC 30 2002

APPLICATION OF )  
EVA-MARIA FRANKEN ET AL )  
SERIAL NUMBER: 09/909,556 )  
FILED: JULY 20, 2001 )  
TITLE: LIGAND-BINDING DOMAIN OF THE )  
ULTRASPIRACLE (USP) PROTEIN )

GROUP NO.: 1645

TECH CENTER 1600/2900

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. 1.97(b)**

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Sir:

This disclosure statement under 37 CFR 1.97 & 1.98 is submitted before the first Office Action in order that the Patent and Trademark Office may consider the relevancy of certain information to the invention described and claimed in the subject application, and in compliance with the regulations concerning information disclosure statements. Enclosed are copies of the following:

- a) the Search Report received in the corresponding application pending in the European Patent Office and an English language translation thereof; and

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on 12/19/02  
Date

Joseph C. Gil, Reg. No. 26,602

Name of applicant, assignee or Registered Representative

Signature

December 19, 2002

Date

- b) the documents cited by the European Patent Office in the Search Report listed on the attached Form PTO-1449.

This Information Disclosure Statement should not be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, that any reference mentioned herein constitutes prior art, or that the references listed, severally or in any combination with one another or with any other information, are believed to render any claim in the subject application prima facie unpatentable.

Respectfully submitted,

By

  
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Form PTO 1449

Rev. 7/80

U.S. Department of Commerce

Patent and Trademark Office

Atty. Docket No.

Mo-6470 / LeA 34,772

Serial No.

09/909,556

LIST OF PRIOR ART CITED BY APPLICANT

(Use Several Sheets If Necessary)

Applicant

Eva-Maria Franken et al

Filing Date

July 20, 2001

Group

1645

DEC 30 2002

TECH CENTER 1600/29

## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|----|-----------------|------|------|-------|----------|----------------------------|
|                  | AA |                 |      |      |       |          |                            |
|                  | AB |                 |      |      |       |          |                            |
|                  | AC |                 |      |      |       |          |                            |
|                  | AD |                 |      |      |       |          |                            |
|                  | AE |                 |      |      |       |          |                            |
|                  | AF |                 |      |      |       |          |                            |
|                  | AG |                 |      |      |       |          |                            |
|                  | AH |                 |      |      |       |          |                            |
|                  | AI |                 |      |      |       |          |                            |
|                  | AJ |                 |      |      |       |          |                            |
|                  | AK |                 |      |      |       |          |                            |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION |     |
|--|----|-----------------|----------|---------|-------|----------|-------------|-----|
|  |    |                 |          |         |       |          | Yes         | No* |
|  | AL | 01/36447        | 05/25/01 | World   |       |          |             |     |
|  | AM | 99/50658        | 10/07/99 | World   |       |          |             |     |
|  | AN | 99/60014        | 11/25/99 | World   |       |          |             |     |
|  | AO |                 |          |         |       |          |             |     |
|  | AP |                 |          |         |       |          |             |     |

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |    |  |
|--|----|--|
|  | AR | Clayton G M Et Al: "The structure of the ultraspiracle ligand-binding domain reveals a nuclear receptor locked in an inactive conformation." Proceedings of the National Academy of Sciences of the United States of America. United States 13 Feb 2001, Bd. 98, Nr. 4, 13. Februar 2001 (2001-02-13), Seiten 1549-1554, XP002216496 ISSN: 0027-8424 das ganze Dokument      |
|  | AS | Billas I M L Et Al: "crystal structure of the ligand-binding domain of the ultraspiracle protein usp, zthe ortholog of retinoid x receptors in insects" Journal of Biological Chemistry, American Society of Biological Chemists, Baltimore, MD, US, Bd. 276, Nr. 10, 9. Marz 2001 (2001-03-09), Seiten 7465-7474, XP002186547 ISSN: 0021-9258 das ganze Dokument            |
|  | AT | Jones G Et Al: "Considerations on the structural evidence of a ligand-binding function of ultraspiracle, an insect homolog of vertebrate RXR." Insect Biochemistry and Molecular Biology. England 2000 Aug-Sep., Bd. 30, Nr. 8-9, August 2000 (2000-08), Seiten 671-679, XP002216497 ISSN: 0965-1748, Seite 676, linke Spalte, Absatz 1 – Seite 678, rechte Spalte, Absatz 1 |

EXAMINER

DATE CONSIDERED

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*

Neither English Language Equivalent nor an English Language Translation is available.